



# NBMA Field Day

**Biodiesel Fever**

**April 10, 2007**

## Natural Selection Farms • Yakima, WA

Natural Selection Farms, Inc. in Sunnyside, Washington has been a leader in environmentally responsible agriculture. Their composting operation produces two types of compost which include biosolids compost as well as organic manure compost. The owners, Ted and Pam Durfey, have recycled hundreds of thousands of tons of biosolids successfully on a variety of crops, including hops, grapes, corn, pasture, cherries and rangeland. Their biosolids recycling program for soil nutrition has earned two EPA awards and the King County Green Globe Award. In addition to their endeavors to enrich their soils and those of their neighbors, Natural Selection Farms is now growing canola and producing canola oil to be used as biodiesel.



**University of Washington researchers and Ted Durfey examine the first canola crop at Natural Selection Farms**

Imperium Renewables, one of the nation's largest biodiesel producers, and Natural Selection Farms have, just this year, formed a new partnership. Imperium Renewables will be utilizing canola grown at Natural Selection Farms to produce up to 1 million gallons of biodiesel. This partnership represents the largest purchase agreement for Washington State produced canola. As stated by Ted Durfey in a recent Seattle press release, "Diversifying our crop base to include canola makes both great agricultural and business sense. We're proud to be doing our part to clean up the air, increase jobs and revenue in our state and reduce our nation's dependency on foreign oil. I hope others will realize the benefits of adding canola to their crop mix." Natural Selection Farm's oilseed pressing facility is the first of its kind in Washington State.

## Madison Farms • Echo, OR

Madison Farms is a 3rd generation family farm, established in 1914 in Echo, Oregon. Kent Madison and his family, the third generation to cultivate Madison Farms, strive to maintain a balance between nature and the farm's profitability. With this goal in mind, they utilize farming techniques which include minimum tillage, no-till, GPS controlled yield and soil field monitoring, water reuse and biosolids applications.

Madison Farms receives and applies biosolids from Oregon's metro agency to help stabilize sensitive range land areas and enhance the grazing capabilities of those areas. They also land apply nutrient rich reuse water from a local food processor at agronomic rates for organic fertilizer benefits. Madison Farms has land applied over 2 billion pounds of biosolids on the farm's range land over the last 14 years, resulting in increased grazing capacity, beef production and crop yields. Crops include alfalfa, blue grass, potatoes, wheat and canola.



**Canola in bloom at Madison Farms**

Madison Farms has been at the forefront of farming canola crops for biodiesel and then producing (oil and fuel) and selling the surplus. K&S Madison Inc. (a sister company of Madison Farms) has built a crushing plant to provide degummed raw oil to the market and will manufacture biodiesel as a way to reuse the gummed oil.

Madison Farms Web Site: [www.madisonfarms.com](http://www.madisonfarms.com)

### Field Day Suggestions

The NBMA welcomes your suggestions for field days or facility tours. Please contact NBMA at (206) 684-1145.

## Agenda

8:00AM - 10:00AM  
10:00AM - 12:00PM  
12:00PM - 12:45PM  
12:45PM - 4:00PM  
4:00PM

Meet at Natural Selection Farms  
Travel to Echo, OR  
Lunch at Madison Farms  
Tour Madison Farms  
Field Day Adjourned

## Directions

**Natural Selection Farms**  
5170 Emerald Rd.  
Sunnyside, WA 98944  
(509) 837-3501

**From Seattle:** Take I – 90 East to Ellensburg (~ 100 miles)

**From Ellensburg:** Take I – 82 East through Yakima (~30 miles)

**From Portland:** Take I-84 East to I-82 West towards Umatilla/Hermiston/McNary Dam (~180 miles)  
Continue on I-82 West (headed north ~ 75 miles) to Sunnyside.

**From Yakima:** Continue on I-82 to  
Exit #67, Sunnyside

At the stop sign turn right on Midvale Rd. (South)

Go to the 1st cross road and turn right onto Emerald Road.

Stay on Emerald until you come to a stop sign - take another right.

Continue on Emerald Rd., traveling west for approx. 2 miles.  
This road is straight and long.

On your left hand side, you will come to a large lawn with trees and a pole fence around it. Look for meeting signs.

**Meeting Area:** The address is 5170 Emerald Road.

**Madison Farms**  
29299 Madison Rd  
Echo, OR 97826  
(541) 376-8107

**From Yakima:** Head back to I-82 to  
Head south to Oregon

Merge onto I-82 East/US 30 E via exit on left towards Pendelton

Take the Westland Rd. Exit (#180) towards Hermiston

Turn right onto County Rd. 1325 / Jordan Rd. Continue to follow County Rd. 1325.

Stay straight to go on to Madison Slayer Rd.

Turn slight right and stay straight to go on to Madison Rd.

Turn left on to Madison Slayer Rd. Look for signs.

**Meeting Area:** The address is 29299 Madison Road.



## Accommodations

**Hilton Garden Inn**  
401 E. Yakima Ave  
Yakima, Washington, 98901  
Phone: 1-509-454-1111 Fax: 1-509-248-3344

**Holiday Inn Express**  
1001 East "A" Street  
Yakima, WA 98901  
Phone: 1-509-249-1000 Fax: 1-509-249-5995

**Best Western Lincoln Inn**  
1614 N 1st Street, Yakima, WA, 98901-1704  
Phone: 1-509-453-8898

**Red Lion Hotel**  
607 E. Yakima Avenue; Yakima, WA 98901  
Phone: 1-509-248-5900 Fax: 1-509-575-8975  
E-mail: yakimactrsales@redlion.com